

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L4	1000	(outer same inner) and ((needle or piercing) same lumen) and suction	US-PGPUB; USPAT	OR	ON	2007/03/14 19:49
L5	1326	(outer same inner) and ((needle or piercing) same lumen) and vacuum	US-PGPUB; USPAT	OR	ON	2007/03/14 19:50
L6	2448	(outer same inner) and ((needle or piercing) same hollow) and vacuum	US-PGPUB; USPAT	OR	ON	2007/03/14 19:50
L8	1551	outer and inner and ((needle or piercing) same lumen) and vacuum	US-PGPUB; USPAT	OR	ON	2007/03/14 19:50
L9	1326	(outer same inner) and ((needle or piercing) same lumen) and vacuum	US-PGPUB; USPAT	OR	ON	2007/03/14 19:51
L10	1222	9 and fluid	US-PGPUB; USPAT	OR	ON	2007/03/14 19:52
L12	7	10 and (sidewall adj open\$4)	US-PGPUB; USPAT	OR	ON	2007/03/14 19:53
L13	12	10 and (sidewall adj apertur\$4)	US-PGPUB; USPAT	OR	ON	2007/03/14 19:59
L14	1194	10 and (apertur\$4 or open\$4)	US-PGPUB; USPAT	OR	ON	2007/03/14 20:04
L15	347	14 and (outer near6 (open\$4 or apertur\$4))	US-PGPUB; USPAT	OR	ON	2007/03/14 20:06
L16	288	15 and (inner near6 (lumen or open\$4 or apertur\$4))	US-PGPUB; USPAT	OR	ON	2007/03/14 20:07